MERCHANT & GOULD P.C.







As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

, 01 410 50	e I am the original, first and sole inventorible to matter which is claimed and for with the RESSION IN MUSCLE CELLS	or (if only one name is listed becker patent is sought on the	pelow) or a joint inventor (if plural inventinvention entitled: VIRAL RECOMBIN	tors are VANT
application) described a	vich 225, 1995 as application serial no. 18445 and claimed in international no. PCT victor which I solicit a United States patent.	AN 2 7 2000 5 52,643 and was amended on 92/0089885 ed September 25	(if applicable) (in the case of a PCT-1, 1992 and as amended on (if any), v	
I hereby state that I hav any amendment referred	e reviewed and understand the contents of to above.	of the above-identified specif	fication, including the claims, as amende	d by
I acknowledge the duty Federal Regulations, §	to disclose information which is materia56 (attached hereto).	l to the patentability of this ap	oplication in accordance with Title 37, C	ode of
that of the application of a. no such application	n the basis of which priority is claimed:	tates Code, § 119/365 of any to gn application for patent or in	foreign application(s) for patent or inven ventor's certificate having a filing date be	itor's efore
	FOREIGN APPLICATION(S), IF ANY	, CLAIMING PRIORITY UNDER	R35 USC 8 119	7
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE	
France	9111947	27 September 1991	(day, month, year)	-
	ALL FOREIGN APPLICATION(S), IF ANY,		(APPLICATION(S)	
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)	
manner provided by the f	irst paragraph of Title 35, United States of Federal Regulations, § 1.56(a) which	his application is not disclosed Code 8 112 Lacknowledge to	and PCT international application(s) listed in the prior United States application in the duty to disclose material information late of the prior application and the nation	n the

U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)
08/070,325	October 4, 1993	Abandoned

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

U.S. PROVISIONAL APPLICATION NUMBER	DATE OF FILING (Day, Month, Year)

31 - 4			
Albrecht, John W.	Reg. No. 40,481	Kowalchyk, Katherine M.	Reg. No. 36,848
Anderson, Gregg I.	Reg. No. 28,828	Lacy, Paul E.	Reg. No. 38,946
Ansems, Gregory M.	Reg. No. 42,264	Larson, James A.	Reg. No. 40,443
Batzli, Brian H.	Reg. No. 32,960	Liepa, Mara E.	Reg. No. 40,066
Beard, John L.	Reg. No. 27,612	Lindquist, Timothy A.	Reg. No. 40,701
Black, Bruce E.	Reg. No. 41,622	McDonald, Daniel W.	Reg. No. 32,044
Bruess, Steven C.	Reg. No. 34,130	McIntyre, Iain A.	Reg. No. 40,337
Byrne, Linda M.	Reg. No. 32,404	Mueller, Douglas P.	Reg. No. 30,300
Carlson, Alan G.	Reg. No. 25,959	Pauly, Daniel M.	Reg. No. 40,123
Caspers, Philip P.	Reg. No. 33,227	Phillips, John B.	Reg. No. 37,206
Chiapetta, James R.	Reg. No. 39,634	Plunkett, Theodore	Reg. No. 37,209
Clifford, John A.	Reg. No. 30,247	Pytel, Melissa J.	Reg. No. 41,512
Cochran, William W.	Reg. No. 26,652	Reich, John C.	Reg. No. 37,703
Daignault, Ronald A.	Reg. No. 25,968	Reiland, Earl D.	Reg. No. 25,767
Daley, Dennis R.	Reg. No. 34,994	Schmaltz, David G.	Reg. No. 39,828
Dalglish, Leslie E.	Reg. No. 40,579	Schuman, Mark D.	Reg. No. 31,197
Daulton, Julie R.	Reg. No. 36,414	Schumann, Michael D.	Reg. No. 30,422
DeVries Smith, Katherine M.	Reg. No. 42,157	Scull, Timothy B.	Reg. No. 42,137
DiPietro, Mark J.	Reg. No. 28,707	Sebald, Gregory A.	Reg. No. 33,280
Edell, Robert T.	Reg. No. 20,187	Skoog, Mark T.	Reg. No. 40,178
Epp Ryan, Sandra	Reg. No. 39,667	Soderberg, Richard	Reg. No. P-43,352
Glance, Robert J.	Reg. No. 40,620	Storer, Shelley D.	Reg. No. P-45,135
Goggin, Matthew J.	Reg. No. 44,125	Sumner, John P.	Reg. No. 29,114
Golla, Charles E.	Reg. No. 26,896	Sumners, John S.	Reg. No. 24,216
Gorman, Alan G.	Reg. No. 38,472	Swenson, Erik G.	Reg. No. P-45,147
Gould, John D.	Reg. No. 18,223	Tellekson, David K.	Reg. No. 32,314
Gregson, Richard	Reg. No. 41,804	Trembath, Jon R.	Reg. No. 38,344
Gresens, John J.	Reg. No. 33,112	Underhill, Albert L.	Reg. No. 27,403
Hamre, Curtis B.	Reg. No. 29,165	Vandenburgh, J. Derek	Reg. No. 32,179
Hillson, Randall A.	Reg. No. 31,838	Welter, Paul A.	Reg. No. 20,890
Holzer, Jr., Richard J.	Reg. No. 42,668	Wahl, John R.	Reg. No. 33,044
Johnston, Scott W.	Reg. No. 39,721	Whipps, Brian	Reg. No. 43,261
Kadievitch, Natalie D.	Reg. No. 34,196	Wickhem, J. Scot	Reg. No. 41,376
Kastelic, Joseph M.	Reg. No. 37,160	Williams, Douglas J.	Reg. No. 27,054
Kettelberger, Denise	Reg. No. 33,924	Witt, Jonelle	Reg. No. 41,980
Keys, Jeramie J.	Reg. No. 42,724	Xu, Min S.	Reg. No. 39,536
Knearl, Homer L.	Reg. No. 21,197	Zeuli, Anthony R.	Reg. No. P-45,255
Kowalchyk, Alan W.	Reg. No. 31,535		-

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould P.C. to the contrary.

Please direct all correspondence in this case to Merchant & Gould P.C. at the address indicated below:

Merchant & Gould P.C. 3100 Norwest Center 90 South Seventh Street Minneapolis, MN 55402-4131 Derry decises that all statements made havin of my own importedge are true and that all statements made on information and ballef are factor or be information and ballef are notishable by fine or impringuishable, as both, under Section 1901 of Title 18 of the United Super Code and that such willful files statements and are made are may jacquardize the validity of the application or any passet lessed thereon.

	Fall Hame	A chart			
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	& Chierophia	76013 PARIS	State or Ferrige Country FRANCE		Country of Chiambles
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PATENT & PARK OF SE

§ 1.56 Duty to disclose information erial to patentability.

- A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of cando and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim the remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by \$1.97(b)—(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim;

or

- (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden—of—proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



I

MERCHANT & GOULD P.C.

United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am	the original, first and sole invento	or (if only one name is listed be	low) or a joint inventor (if plural inventors are
named below) of the subject n VECTORS FOR EXPRESSION	ratter willer is claumen and for Ma	sche patent is sought on the in	now) or a joint inventor (if plural inventors are necessary invention entitled: VIRAL RECOMBINANT
application) described and cla	195 as application serial no 08/45 imed in international no. PC solicit a United States patent.	2,643 and sa amended on 92/00338 filed September 25,	(if applicable) (in the case of a PCT-filed 1992 and as amended on (if any), which I
I hereby state that I have revie any amendment referred to abo	wed and understand the contents ove.	of the above-identified specific	cation, including the claims, as amended by
acknowledge the duty to disc Federal Regulations, § 1.56 (at	lose information which is material tached hereto).	l to the patentability of this app	plication in accordance with Title 37, Code of
citificate listed below alla liav	benefits under Title 35, United St re also identified below any foreig asis of which priority is claimed:	ates Code, § 119/365 of any for application for patent or investigation	oreign application(s) for patent or inventor's entor's certificate having a filing date before
no such applications have b	e been filed. een filed as follows:		
F	OREIGN APPLICATION(S), IF ANY	, CLAIMING PRIORITY UNDER	35 USC § 119
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
France	9111947	27 September 1991	(-ay, month, year)
ALL FO	DREIGN APPLICATION(S), IF ANY, I	FILED BEFORE THE PRIORITY	APPLICATION(S)
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
hereby claim the benefit under	Title 35, United States Code, § 1	20/365 of any United States ar	nd PCT international application(s) listed

laims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)
08/070,325	October 4, 1993	Abandoned

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

U.S. PROVISIONAL APPLICATION NUMBER	DATE OF FILING (Day, Month, Year)

I hereby appoint the following attorne, and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Albrecht, John W.	Reg. No. 40,481	Kowalchyk, Katherine M.	. Pag No 20040
Anderson, Gregg I.	Reg. No. 28,828	Lacy, Paul E.	Reg. No. 36,848
Ansems, Gregory M.	Reg. No. 42,264	Larson, James A.	Reg. No. 38,946
Batzli, Brian H.	Reg. No. 32,960	Liepa, Mara E.	Reg. No. 40,443
Beard, John L.	Reg. No. 27,612	Lindquist, Timothy A.	Reg. No. 40,066
Black, Bruce E.	Reg. No. 41,622	McDonald, Daniel W.	Reg. No. 40,701
Bruess, Steven C.	Reg. No. 34,130	McIntyre, Iain A.	Reg. No. 32,044
Byrne, Linda M.	Reg. No. 32,404	Mueller, Douglas P.	Reg. No. 40,337
Carlson, Alan G.	Reg. No. 25,959	Pauly, Daniel M.	Reg. No. 30,300
Caspers, Philip P.	Reg. No. 33,227	Phillips, John B.	Reg. No. 40,123
Chiapetta, James R.	Reg. No. 39,634	Plunkett, Theodore	Reg. No. 37,206
Clifford, John A.	Reg. No. 30,247	Pytel, Melissa J.	Reg. No. 37,209
Cochran, William W.	Reg. No. 26,652	Reich, John C.	Reg. No. 41,512
Daignault, Ronald A.	Reg. No. 25,968	Reiland, Earl D.	Reg. No. 37,703
Daley, Dennis R.	Reg. No. 34,994	Schmaltz, David G.	Reg. No. 25,767
Dalglish, Leslie E.	Reg. No. 40,579	Schuman, Mark D.	Reg. No. 39,828 Reg. No. 31,197
Daulton, Julie R.	Reg. No. 36,414	Schumann, Michael D.	
DeVries Smith, Katherine M.	Reg. No. 42,157	Scull, Timothy B.	Reg. No. 30,422 Reg. No. 42,137
DiPietro, Mark J.	Reg. No. 28,707	Sebald, Gregory A.	Reg. No. 33,280
Edell, Robert T.	Reg. No. 20,187	Skoog, Mark T.	Reg. No. 40,178
Epp Ryan, Sandra	Reg. No. 39,667	Soderberg, Richard	Reg. No. P-43,352
Glance, Robert J.	Reg. No. 40,620	Storer, Shelley D.	Reg. No. P-45,135
Goggin, Matthew J.	Reg. No. 44,125	Sumner, John P.	Reg. No. 29,114
Golla, Charles E.	Reg. No. 26,896	Sumners, John S.	Reg. No. 24,216
Gorman, Alan G.	Reg. No. 38,472	Swenson, Erik G.	Reg. No. P-45,147
Gould, John D.	Reg. No. 18,223	Tellekson, David K.	Reg. No. 32,314
Gregson, Richard	Reg. No. 41,804	Trembath, Jon R.	Reg. No. 38,344
Gresens, John J.	Reg. No. 33,112	Underhill, Albert L.	Reg. No. 27,403
Hamre, Curtis B.	Reg. No. 29,165	Vandenburgh, J. Derek	Reg. No. 32,179
Hillson, Randall A.	Reg. No. 31,838	Welter, Paul A.	Reg. No. 20,890
Holzer, Jr., Richard J.	Reg. No. 42,668	Wahl, John R.	Reg. No. 33,044
Johnston, Scott W.	Reg. No. 39,721	Whipps, Brian	Reg. No. 43,261
Kadievitch, Natalie D.	Reg. No. 34,196	Wickhem, J. Scot	Reg. No. 41,376
Kastelic, Joseph M.	Reg. No. 37,160	Williams, Douglas J.	Reg. No. 27,054
Kettelberger, Denise	Reg. No. 33,924	Witt, Jonelle	Reg. No. 41,980
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Knearl, Homer L.	Reg. No. 21,197	Zeuli, Anthony R.	Reg. No. P-45,255
Kowalchyk, Alan W.	Reg. No. 31,535	•	,

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould P.C. to the contrary.

Please direct all correspondence in this case to Merchant & Gould P.C. at the address indicated below:

Merchant & Gould P.C. 3100 Norwest Center 90 South Seventh Street Minneapolis, MN 55402-4131 hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are alleved to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are unishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements asy joopardize the validity of the application or any patent issued thereon.

!	Pail Name Of Inventor	Family Name PERRICHALDET_ // Zun aandet	Piest Given Name MECI III.	Second Given Name
)	Residence & Citizenchip	28320 ECROSNES	State or Portign Country FRANCH	Country of Citizenship FRANCE
	Post Office Address	Pot Office Address 31, Russ de Chartres	28320 ESCROSNE	State & Zin Code/Country
ø	etare of laventer	101: Menicalet	Da	od-15, 1999
	Pull Name Of Investor	Family Name BRIAND	First Given Name PASCALE	Second Gives Name
	Residence Clifacaskip	(3by 75015 PARIS	State or Poreign Country FRANCE	Country of Citizenship FRANCE
	Post Office Address	Peri Office Address 10, RUE DU DOCTEUR ROUX	City 75015 PARIS	State & Zip Code/Country FRANCE
ţa.	eture of Investor 2	02 1	Dat	ts:
	Full Name Of Investor	Family Name STRATFORD-PERRICAUDRT	First Given Name LESLES	Second Given Name
	Residence & Citizenskip	City 28320 BCROSNES	State or Foreign Country FRANCE	Country of Citiesnohip FRANCE
	Post Office Address	Post Office Address 31, rue de Chaptres	City 28320 ECROSNES	State & Zip Code/Country FRANCE
ļ	stare of Investor 3	Tale State Cairon		1.15.1999

§ 1.56 Duty to disclose informati n





- A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by \$\frac{1}{2} \cdot \cdot
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
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 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim;

or

- (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

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- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.